

LEWIS COUNTY, WASHINGTON
January 1, 1992 Through December 31, 1992

Schedule Of Findings

1. Lewis County's Electronic Data Processing (EDP) Mainframe Access Controls Should Be Improved

The county's EDP mainframe security software was developed in-house and does not include features necessary for managing or auditing the security function. The critical missing features are:

- a. Adequate documentation of the security software.
- b. Adequate reporting capabilities.

The lack of documentation prevents users from understanding and utilizing security effectively. The lack of adequate reporting capabilities prevents security personnel from managing the security function and being aware of security violations requiring immediate investigation.

Computer resources are controlled against unauthorized access by installing a security control system capable of identifying and logging attempts of unauthorized use, denying access or notifying security for immediate investigation, and providing an information trail over access to the computer resources. In addition, the security system should only allow users to access computer resources required of their position through established recognition and authorization procedures.

Weaknesses in access controls increase the opportunity for unauthorized or unintentional modifications of production data and decrease the integrity of the financial system. The result is an increased risk material errors will occur and not be timely detected.

We recommend that security be documented so users are aware of security policies and procedures.

We further recommend that access to computer resources be logged and reported timely.